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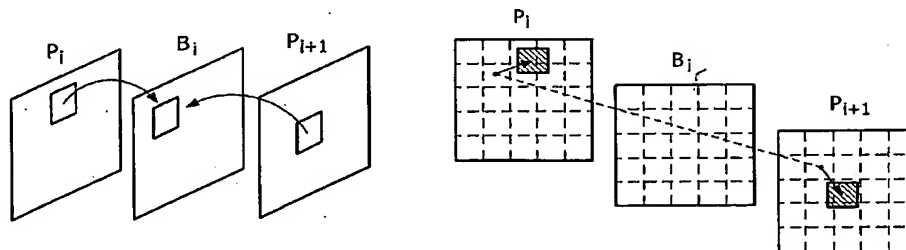
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(54) Title: **PROCESSING METHOD AND DEVICE USING SCENE CHANGE DETECTION**



(57) **Abstract:** The invention relates to a method of processing digital coded video data available in the form of a video stream consisting of consecutive frames. These frames, divided into macroblocks, include at least I-frames (intra) and P-frames (predicted), and also B-frames temporally disposed between an I-frame and a P-frame, or between two P-frames, and bidirectionally predicted from at least these two frames between which they are disposed. The predictions are performed by means of a weighted prediction with unequal amount of prediction from the past and the future. According to the invention, this processing method comprises the steps of determining for each successive macroblock of the current frame related coding parameters characterizing, if any, said weighted prediction, collecting said parameters for all the successive macroblocks of the current frame for delivering statistics related to said parameters, analyzing said statistics for determining a change of preference for the direction of prediction, and detecting the occurrence of a gradual scene change in the sequence of frames each time a change of preference has been determined.



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